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#7

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/667,170A

DATE: 05/13/2002 P.6
TIME: 15:12:12

Input Set : A:\475c7.app
Output Set: N:\CRF3\05132002\I667170A.raw

3 <110> APPLICANT: Reed, Steven G.
4 Henderson, Robert A.
5 Lodes, Michael J.
6 Fling, Steven P.
7 Mohamath, Raodoh
8 Algate, Paul A.
9 Secrist, Heather
10 Indirias, Carol Yoseph
11 Benson, Darin R.
13 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
14 THE THERAPY AND DIAGNOSIS OF LUNG CANCER
17 <130> FILE REFERENCE: 210121.475C7
19 <140> CURRENT APPLICATION NUMBER: US 09/667,170A
C--> 20 <141> CURRENT FILING DATE: 2002-05-03
22 <160> NUMBER OF SEQ ID NOS: 440
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 339
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
31 <400> SEQUENCE: 1
32 gtactcagac aggatagtca tcatgtagca caaagcamat cctgtttcta tacttgtagt 60
33 ttgccttcac tcagtggcat ratcattact atacagtgtat gaatgttrtt atgttagcata 120
34 gatgtgggtt ctctagccca cagctctsta cctttgtcta gcactcctgt cctcataacct 180
35 ragtggcctg tccatcagca tgtttctcat ctactttgtt tgcccaagtcc actgtggtcc 240
36 tcccttgccc tctcccttat gtggcagagt ggaaccagct gtccctgagac ttgagttcaa 300
37 catctggttc gccatytgc atgtttggg tctgagttac 339
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 698
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapien
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (1)...(698)
47 <223> OTHER INFORMATION: n = A,T,C or G
49 <400> SEQUENCE: 2
50 gtactcagac cacgactgca ttttctccac tgctgacggg tctaataccca gctgcttccc 60
W--> 51 tttcttggag gcagagctng tgaccttgag aaagtgacct gtgaccatca tgtgggtagt 120
52 gagctgctgc aaggtgtcat gggagctccc acactccatg cactttwaga tctgggactt 180
53 gcagggctca ractgccagg ttagctcgc tccatttgg tagccatagc gttttttgg 240
54 ggacaactgc aagttggcgt tcttctgaga agaaaaagaa tctgcaaaag atccctgtgg 300
55 tgaatcgggg gaacacggcc gattgacatc aaaaacgcgt ttcttagccc gggtgaccat 360
56 ttccgaggaa atgggtgggg actggctcct tcaaaggcac tttttggta tggtttgttt 420

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W--> 57	yaatcatgtk gacgctccaa tcttggragg gaatcgaang rantcncnc caaaacatrc	480
58	sttcagraa cctttgarc atcctcttt ttccgtrtcc cggmaargcc cyttccckg	540
W--> 59	ggcttgaaa wyagcctsgt tgggttctta aattaccart ccacnwgttg gaattccccg	600
W--> 60	ggcccccgtc ccggktccaa ccaattttgg graaaacccc cncansccgt tkggantgcn	660
W--> 61	acaacntggn nttttcntt tcgtgntccc ctngaacc	698
63	<210> SEQ ID NO: 3	
64	<211> LENGTH: 697	
65	<212> TYPE: DNA	
66	<213> ORGANISM: Homo sapien	
68	<220> FEATURE:	
69	<221> NAME/KEY: misc_feature	
70	<222> LOCATION: (1)...(697)	
71	<223> OTHER INFORMATION: n = A,T,C or G	
73	<400> SEQUENCE: 3	
74	gtactcagac ccccaacctc gaacagccag aagacagggtt gtctcctggg cttggacac	60
W--> 75	agccngccag gccattgaag ganaagcaaa gacgaagcga accatcttc tccattgtgg	120
W--> 76	ggccaagta gctgcantan cttcagtc cagttgcatt gggtaaaga gctcatacat	180
W--> 77	actatgtgtt agggtaacag aagctttcc tcataaggca ttagctctcc nagagttgac	240
W--> 78	ctttgcctn aacttgggt ttctgtgggt cataaagttt ggatatgtat ttttttcaa	300
W--> 79	atggaanaaa atccgtattt ggcaaaaaga ctccaggggg atgatactgt ctttgcact	360
W--> 80	tacagtccaa angatntcc ccaaagaata gacatttttt cctctcatca cttctggatg	420
W--> 81	caaaatctt tatttttcc ctttctcgca cnccccaga cccctnnag gttnaaccgc	480
W--> 82	ttcccatctc cccattcca cacgatntt aatngcann ncgttgnctg tcgggtccn	540
W--> 83	nccgaaaggg tnttttatt cgggtgnctg antnnnaac cnctnagttt aatccgcggg	600
W--> 84	gcggccnnngn gggtnnacc atgntggga naactnccn cccgnttgg aatgccanag	660
W--> 85	ccttgaannt tttctttgg tcgcccccn gagattc	697
87	<210> SEQ ID NO: 4	
88	<211> LENGTH: 712	
89	<212> TYPE: DNA	
90	<213> ORGANISM: Homo sapien	
92	<220> FEATURE:	
93	<221> NAME/KEY: misc_feature	
94	<222> LOCATION: (1)...(712)	
95	<223> OTHER INFORMATION: n = A,T,C or G	
97	<400> SEQUENCE: 4	
W--> 98	gtactcagac aaccaatagg tttgttctc anatctgaaa cacaaggaa ttctagctna	60
W--> 99	taatgttsaa tggttgaggg ttaagtgtatgt tngattttagc agcgatnggc	120
100	cggtgcgggt ggctcacgca tttatcccag cactttgggaa ggccgaggca ggaggatcac	180
W--> 101	ctgaggtcag gagtttggaa ccagctggc cgacatggtn aaaccccttc tctactanga	240
W--> 102	atacanaaaat tagccgggc atagtggcgc gtgcctrtga cctcsgctac tttgggatt	300
103	ctcctgagga agaattgtt gaactcagg aagtggargt ttgcagttag cttaaatcaa	360
104	gccactggca ctcccagct gggktaacag agccamact ctkgccgaaa aaaaaraama	420
W--> 105	cgacggagaa nmagntctgt tattccatgg gaaattkgaa tttccttcyt tkaaatatct	480
W--> 106	taaaatnggt cctcctwaaa aaagttcggc tggggcccgk tggctcacat tttkttaycc	540
W--> 107	ccccccctt tggggarggc caargggccgg kttgawtnnc cttgagggg ccanaactcc	600
W--> 108	agnaaccrgn cccgggccar smgwkgkstr armcccttc cyyccmaraa aawwcsmaaa	660
109	wttyccsc cygsykggct ggkasckgtt myyyyygmtm csyagcttgc tt	712
111	<210> SEQ ID NO: 5	
112	<211> LENGTH: 679	

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Input Set : A:\475c7.app
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113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapien
116 <220> FEATURE:
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (1)...(679)
119 <223> OTHER INFORMATION: n = A,T,C or G
121 <400> SEQUENCE: 5
W--> 122 gtactcagac cacccacat gcagggtnag aaacatggag tgcggcag catcctc 60
123 acatccctt gtgacacgg ctgctccgga atactgacca tctggctag cacgaccta 120
124 cagagggttc tgcaggatgt gctatttaa acgagctggg tgcaacttg gaaaacggg 180
W--> 125 atctngaagc agaacatgtn atcagcgatg gctgggattg gtggacagga ttgacaggag 240
126 tatttgggc tctaccaggc ctgtctacag gacagcttca tgcaggac attttttaac 300
W--> 127 ctgttatttt anatnccaca tatntttttt aatgctnaag catacagggtt gaatttctgg 360
W--> 128 atcgttaacta ctatgtactt ctgaggatgtt cagttngaaat atgttctcnn aggtttatca 420
W--> 129 agttntgtta ttgatgtatng gtaatctaca cctctggaaat ctgtngaaatg tgaaaaagat 480
W--> 130 ncntncanct gaccagttt naggcactc tttctggnna agnaatccgn ccaaaaaat 540
W--> 131 tggttcnagg gggcntgggg ggtttaaaaa aatgtttctn ttnccntaaa aatgtttacc 600
W--> 132 cncnctattga aaaaatgggg gtcgnngggg gcttnaaatc cccnancnttnt gaatnttnta 660
W--> 133 tcggaaanc tggtttccc 679
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 369
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapien
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (1)...(369)
143 <223> OTHER INFORMATION: n = A,T,C or G
145 <400> SEQUENCE: 6
146 tcagtccagt catgggtcct ataagagaag tcactctgtg agtttccatg gagaaagaaa 60
147 aagttcatt tcttaccct gcagcaacag cggaggagg gagagcctat cttcttgca 120
W--> 148 aattcattaa ctttgtggtt gaaggagca gcgtengaaa ctgcttttagc acagtggag 180
149 gaaaacaaac agattcatct ccggaaacca aaggaaagg tragtgggtt tttattagcc 240
150 agctgtatcc tagatggtca atttccagtg gatgaataca ctttacgtac gtttctcttg 300
W--> 151 cttcctaccc nggctgatc agctnggcac ttraatcatt ccgtnggggt wgctgtnaca 360
152 ctggactga 369
154 <210> SEQ ID NO: 7
155 <211> LENGTH: 264
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapien
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (1)...(264)
162 <223> OTHER INFORMATION: n = A,T,C or G
164 <400> SEQUENCE: 7
W--> 165 tgctggattra gggatggggc acgggagcac agatmgactt taactgcccc cacgtntcm 60
166 aggaaaggat tacaggcgtg agccactgcg cccggctct tctccactt cataggttcc 120
W--> 167 agtctctgtt cagttgttg tttttgttc ttaaatmatg gagatnagaa 180
168 tgaacactac actcggaaatc aggaagccct gcctggcgcc tctgtcacct gtctagggc 240
169 ttcttctcac tgagtcatcc agca 264

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Input Set : A:\475c7.app
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171 <210> SEQ ID NO: 8
172 <211> LENGTH: 280
173 <212> TYPE: DNA
174 <213> ORGANISM: Homo sapien
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)...(280)
179 <223> OTHER INFORMATION: n = A,T,C or G
181 <400> SEQUENCE: 8
W--> 182 acctcaactg cccanaacan aactgttgta caagatttga ggatttaaca atatttcaca 60
W--> 183 tgaaatattt cagacctacg ngagggctta aagacnaatt aaatgagcac cngtgtgccc 120
W--> 184 accgccccna ttaagaatta gagcaagcag tgaggtgaag ctttgcctt gcttttaaca 180
W--> 185 tagaaagtga tccaaattca ccaaacttga cttnnggtt tgcagtgtgg cctcctgatt 240
W--> 186 ctagacnctg gcgaaacatt tgatggcaa aaaaaaaaaa 280
188 <210> SEQ ID NO: 9
189 <211> LENGTH: 449
190 <212> TYPE: DNA
191 <213> ORGANISM: Homo sapien
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (1)...(449)
196 <223> OTHER INFORMATION: n = A,T,C or G
198 <400> SEQUENCE: 9
W--> 199 tcgtcaactc caggatggct ttgaaaatna atggacacag atcttcctg ttttgatrat 60
W--> 200 ntgcagtgtt natgactggc tttgcagttt attttgcattt aggcaacaga tgttcccttt 120
201 gttccctgt ctcccatggg cgtcatttca ttttgccttc tgccctccccc cagatattct 180
202 aagttcagga cacaagcttc tggccatgc agagcagagg ccatgagggg tcacagcatg 240
W--> 203 ggtacgggag gaaacactgg gctnacccag atnctggact tgagtcttgc ctctgctgct 300
204 tgctgcacag cttctgtcat ggtgcataac ctgtgacactg cctcacaggg ttagagcatg 360
W--> 205 cccgtagaag tactctnaac taaratgctt tccacaaatg agatggtttc ataaaaactt 420
206 caaatagagg gcctggcaa aaaaaaaaaa 449
208 <210> SEQ ID NO: 10
209 <211> LENGTH: 538
210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapien
213 <220> FEATURE:
214 <221> NAME/KEY: misc_feature
215 <222> LOCATION: (1)...(538)
216 <223> OTHER INFORMATION: n = A,T,C or G
218 <400> SEQUENCE: 10
219 tttttttttt ttcccaaagg cctcaraaca ctgtcttct aattccaagg agaaagttac 60
220 atccgcggg atacatgcca cttgggttga taaatcaaaa tacagcatcc ttcagatccc 120
W--> 221 tttgcgtgac aatacaatta tttgtatatg ttactttttt ttctgtttgg ctnaaagatt 180
W--> 222 tgatatgagc tgaggaaaat gaagccntta ctgctatnag atctnatccc tttccaccac 240
W--> 223 ctttcagggta tntggcact gcayatattc agaattcccc nnagtcgctn gtgataaaaa 300
224 tgtcttcaga gatggcagaa tatgtttctt ttggtacatg ttcattaaaa atatacacgt 360
W--> 225 gctcaactact gtggatatgt atgtnttgac cgatnacaca ggctgattta ggaaagagat 420
W--> 226 aaaagcacac ttngaattta ttagccttcc accnagacta anattctgaa attaagaatg 480
W--> 227 tattccttgg tcaacaattt tcctttctc ttagccctct tacattgtan tggactga 538

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Input Set : A:\475c7.app
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229 <210> SEQ ID NO: 11
230 <211> LENGTH: 543
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapien
234 <220> FEATURE:
235 <221> NAME/KEY: misc_feature
236 <222> LOCATION: (1)...(543)
237 <223> OTHER INFORMATION: n = A,T,C or G
239 <400> SEQUENCE: 11
240 tttttttttt ttgccccacag ctgccatctt tgtgtgataa ggcacaccc ttatggaaat 60
241 caaccctcgc catccccagca aatccctctt ctccttctc atgggagtgc cttgtattca 120
W--> 242 tcaggcatct gggacttgcat gtgggtntgg gatttggaaat cagacccatc ngtctctst 180
W--> 243 caccattctn tcacatttata gctctnaccc tgggtttaata cctgccttag tgccttaggt 240
W--> 244 acaatatgaa tattgtctat ttctcaggga ttgcaatgac nagtnnatna gtgcattgaga 300
W--> 245 gggtaaaacc acagggtact ccgcctctcc naagaatgga gaatttttc tagaagccca 360
W--> 246 natntgcttg gaaggttggc caccnagagc cnnaatcttc ttttatttnc cactgaangc 420
W--> 247 ctaagaggna attctgaact catcccnna tgacctctcc cgaatmagaa tatctctggc 480
W--> 248 acttaccata ttttcttgcct ctcttccact tacnnaactc ctttatttccct taacnggacg 540
249 aaa 543
251 <210> SEQ ID NO: 12
252 <211> LENGTH: 329
253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapien
256 <400> SEQUENCE: 12
257 cgatgacttg ggcagtggat gggcctcctg ccaggtggca gggcacagct tagaccaa 60
258 ccttggcctc cccctctgc agstacctct gaccaagaag gaaactagca agcctatgct 120
259 ggcacacca taggtgggt gctggaaatc ctcggggccg gctggcaccc actcctggtg 180
260 ctcaggag agacccactt gttcagatgc atrggcctca ggcgggttcaa ggcrgtctta 240
261 gagccacaga gtcaaataaaa aatcaatttt gagagaccac agcacctgct gctttagatcg 300
262 tggatgttcaa ggcaagttgc aagtcatcg 329
264 <210> SEQ ID NO: 13
265 <211> LENGTH: 314
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapien
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <222> LOCATION: (1)...(314)
272 <223> OTHER INFORMATION: n = A,T,C or G
274 <400> SEQUENCE: 13
275 cgatgacttg caccgggag ctgtgacagt ggcctggaaag cagatggcag ccccgtaag 60
276 gccccggatgg agaccaccaa accctccaaa cagacaaca actagtagc ggcacaccc 120
277 tacctgagcc tgaccccgaa gcagtggaaag tcccacagaa gctacagctg ccaggtcacc 180
W--> 278 catgaaggaa gcaccgtgaa gaagacagtgc gcccctacag aatgttccata ggttcccnac 240
W--> 279 tctnacccca cccacgggag cctgganctg cangatcccg gggaaagggt ctctctcccc 300
280 atcccaagtc atcg 314
282 <210> SEQ ID NO: 14
283 <211> LENGTH: 691
284 <212> TYPE: DNA
285 <213> ORGANISM: Homo sapien

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 79,459,463,466,469,585,642,645,656,660,666,670,671,678,686
Seq#:2; N Pos. 693
Seq#:3; N Pos. 65,83,137,140,190,231,250,280,307,372,376,453,467,468,474
Seq#:3; N Pos. 507,515,519,520,521,527,540,541,552,567,572,575,576,577,582
Seq#:3; N Pos. 585,607,608,610,616,617,624,631,636,640,646,658,669,690
Seq#:4; N Pos. 32,59,102,117,220,238,246,431,435,487,578,579,594,603,610
Seq#:5; N Pos. 28,185,200,312,315,324,337,396,409,410,425,439,465,481,483
Seq#:5; N Pos. 485,488,501,519,523,530,547,555,580,583,586,602,603,625,635
Seq#:5; N Pos. 644,646,649,655,658,668
Seq#:6; N Pos. 156,311,325,345,357
Seq#:7; N Pos. 57,176
Seq#:8; N Pos. 15,20,81,96,112,129,214,215,247
Seq#:9; N Pos. 29,61,71,90,264,273,377
Seq#:10; N Pos. 173,207,218,225,252,281,282,290,385,395,433,454,462,530
Seq#:11; N Pos. 147,171,190,206,216,235,281,285,286,289,331,361,364,385,392
Seq#:11; N Pos. 393,409,418,429,448,449,514,535
Seq#:13; N Pos. 238,244,267,273
Seq#:14; N Pos. 20,166,186,196,361,543,546,577,581,626,636,661
Seq#:15; N Pos. 87,146,195,333
Seq#:16; N Pos. 90,205,213,240,264,381,405,410,414,417,423,429,432,480,508
Seq#:233; N Pos. 90,97,242,244
Seq#:238; N Pos. 399
Seq#:245; N Pos. 105
Seq#:261; N Pos. 538
Seq#:264; N Pos. 32
Seq#:275; N Pos. 379
Seq#:279; N Pos. 457,471
Seq#:280; N Pos. 451
Seq#:281; N Pos. 456
Seq#:282; N Pos. 494
Seq#:290; N Pos. 233,247
Seq#:291; N Pos. 248,257,275,295,306,337
Seq#:292; N Pos. 19,353,415,431,474
Seq#:293; N Pos. 125,249,264,282,291,381,399,488
Seq#:294; N Pos. 55,285,489,519,582,590
Seq#:296; N Pos. 262,296,329,360,530,534,536,568,593,595
Seq#:298; N Pos. 105,108,136,148,149,237,243,250
Seq#:301; N Pos. 227,324,343,351,408,412,431,453,502,516,544
Seq#:302; N Pos. 51,157,240,258,304,316,378,391,475,576,580
Seq#:304; N Pos. 411
Seq#:306; N Pos. 502
Seq#:307; N Pos. 51,103,245,407,448
Seq#:308; N Pos. 576
Seq#:311; N Pos. 8,11,19

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Seq#:313; N Pos. 16,34,44,46,68,70,76,84,92,96,99,104,170,212,235,240,249
Seq#:313; N Pos. 287,296,298,304,308,334,337,339,344,348,370,373
Seq#:314; N Pos. 569
Seq#:315; N Pos. 553
Seq#:318; N Pos. 538,590
Seq#:320; N Pos. 505,507,536,549,588
Seq#:321; N Pos. 248,252
Seq#:322; N Pos. 61,85,87,136,142,148,161,164,180,183,203,204,234,275,286
Seq#:322; N Pos. 307,311,313,337,491,523,526
Seq#:323; N Pos. 412,446
Seq#:324; N Pos. 141,184,357
Seq#:325; N Pos. 517
Seq#:326; N Pos. 49,132
Seq#:328; N Pos. 354
Seq#:329; N Pos. 97,219,256,331,457
Seq#:330; N Pos. 350,388,397,426,478,490,491
Seq#:331; N Pos. 222,290,314,319,338,449,460
Seq#:334; N Pos. 503,548
Seq#:336; N Pos. 517
Seq#:337; N Pos. 410
Seq#:338; N Pos. 486,566,568
Seq#:339; N Pos. 429
Seq#:340; N Pos. 441,442
Seq#:342; N Pos. 462,475
Seq#:344; N Pos. 310,377
Seq#:346; N Pos. 348,349
Seq#:353; N Pos. 133,162,200,210,252,324,332,349,365,371
Seq#:354; N Pos. 120,124,138,194,205,220,224,275,334
Seq#:355; N Pos. 407,459,483
Seq#:356; N Pos. 381
Seq#:357; N Pos. 339,457,475,486
Seq#:358; N Pos. 358,361,372,374,386
Seq#:359; N Pos. 299,318,363,381,395,412
Seq#:360; N Pos. 182,187,207,218,311,359,390,401,405,412,413,435,441
Seq#:361; N Pos. 228,230,338,339,348,358,379
Seq#:362; N Pos. 472,483,500,510
Seq#:369; N Pos. 6,7
Seq#:370; N Pos. 89,117,147,232
Seq#:371; N Pos. 114,188,317
Seq#:372; N Pos. 9
Seq#:376; N Pos. 86,260
Seq#:381; N Pos. 90,93
Seq#:389; N Pos. 43,133,185,226,254,256,303
Seq#:399; N Pos. 91,107,145,155,207,215,228,232,233,234,244
Seq#:401; N Pos. 3
Seq#:406; N Pos. 402,414
Seq#:409; N Pos. 279,304,315,319,343,352,355,356,361,381
Seq#:411; N Pos. 370
Seq#:415; N Pos. 380,394

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Seq#:416; N Pos. 180,202,206,214,224,235,240,241,245,247,250,251,252,257
Seq#:416; N Pos. 267

VERIFICATION SUMMARY
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Output Set: N:\CRF3\05132002\I667170A.raw

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:420
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:540
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:600
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:60
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:120
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:180
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:240
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:300
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:420
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:480
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:540
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:600
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:660
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:240
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:420
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:480
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:540
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:540
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:120
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:300
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:120
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:60
L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:120
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:180
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:240
L:199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:60
L:203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:240
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:360
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:120

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/667,170A

DATE: 05/13/2002

TIME: 15:12:13

Input Set : A:\475c7.app

Output Set: N:\CRF3\05132002\I667170A.raw

L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:180

L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:240

L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:360

L:6769 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:279